

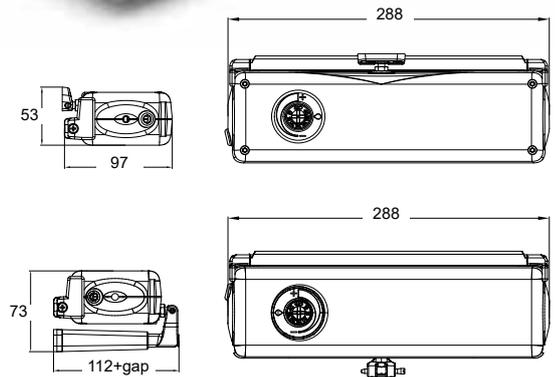
ACK4

Chain actuator
Thrust force 300N
Adjustable stroke max. 400mm



DESCRIPTION FOR TECHNICAL SPECIFICATIONS

Electric actuator Topp model ACK4 with a double link articulated stainless steel chain, enclosed in a special diecast aluminum casing, painted with epoxy powders, with different mounting accessories for top and bottom hung windows. Operation at 230V 50Hz, as an alternative, at 24V DC. Max. traction and thrust force 300N. End of stroke adjustable at 100, 150, 200, 205, 300, 350, 400 mm by an external knob located on both sides of the actuator. Electronic device with acoustic warning to signal erroneous installation (buzzer) Upon request, a preset "S" version for the synchronous operation of more actuators on the same window is available. High protection IP 55 rated. CE marked device.



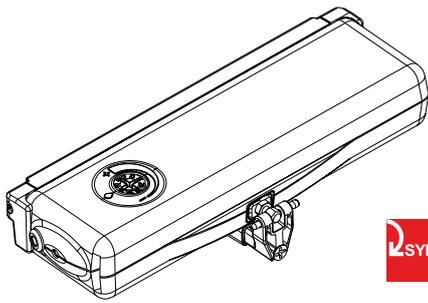
Easy stroke adjustment (7 positions from 100 to 400mm) - International patent

Double link articulated stainless steel chain

High protection IP 55 rated

TECHNICAL CHARACTERISTICS	ACK4 230V	ACK4 24V
Power supply voltage	230V ~ 50Hz	24V DC
Maximum applicable load in thrust		300 N
Maximum applicable load in traction		300 N
Strokes		
Absorbed current	0,32 A	1,35 A
Idle translation speed	27 mm/s	17 mm/s
Duration of the idle stroke	15 s	23 s
Double insulated	YES	-
Service Type	S2 of 2 min	S2 of 3 min
Operating temperature		-5°C +50°C
Protection Class		IP 55
Adjustment of the window frame hooking system		10 mm
Parallel connection option		YES
Synchronous operation of more actuators on the same window		with S version
Chain position control		YES
Stroke end		encoder
Acoustic device that warns of any eventual incorrect installations (buzzer)		YES
Dimensions		288,5x83x47,8 mm
Weight**		1,9 kg

** Weight may vary according to the chosen accessories



CODE PRODUCT DESCRIPTION

ACK4 standard 1 push point

3A19901	ACK4 chain actuator 230V - black RAL 9005
3A19903	ACK4 chain actuator 230V - grey RAL 9006
3A19902	ACK4 chain actuator 230V - white RAL 9010
3A19951	ACK4 chain actuator 24V - black RAL 9005
3A19953	ACK4 chain actuator 24V - grey RAL 9006
3A19952	ACK4 chain actuator 24V - white RAL 9010



ACK4S version for the synchronous operation of more ACK4 on the same window frame available.

Description of the standard pattern for 1 push point

3A19901	ACK4 chain actuator 230V
	Frontal bracket for top/bottom hung windows
	Upper bracket for bottom hung windows
	Hooking device to the frame and spare parts

Description of the standard pattern for 2 push points

3A12#000005572	ACK4S chain actuator 230V - black
3A12#000005572	ACK4S chain actuator 230V - black

Accessories and spare parts

	3A1360	Frontal bracket for top/bottom hung windows - black
	3A1362	Frontal bracket for top/bottom hung windows - silver
	3A1361	Frontal bracket for top/bottom hung windows - white
	3A1391	Large swivel brackets set frontal mounting - black
	3A1393	Large swivel brackets set frontal mounting - silver
	3A1392	Large swivel brackets set frontal mounting - white
	3A1380	Fixed vertical mounting brackets set - black
	3A1382	Fixed vertical mounting brackets set - silver
	3A1381	Fixed vertical mounting brackets set - white
	3A1396	Small vertical mounting brackets set - black
	3A1398	Small vertical mounting brackets set - silver
	3A1397	Small vertical mounting brackets set - white
	3A1355	Upper bracket for bottom hung windows - black
	3A1375	Single swivel bracket for bottom hung windows - black
	3A1377	Single swivel bracket for bottom hung windows - silver
	3A1376	Single swivel bracket for bottom hung windows - white
	3A1001	Hooking device to the frame with pin and spare parts
	0B0005	Extension pin h 37,5 (overlap 10-20mm)
	0B0007	Extension pin h 47,5 (overlap 20-30mm)
	0B0006	Extension pin h 57,5 (overlap 30-40mm)

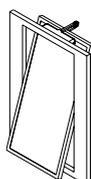
Special lead max. 6mt long available.



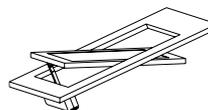
Top-hung windows



Bottom-hung windows



Bottom-hung windows



Skylights, roof windows



Cupolas